

Applicants: Garner, et al.
Serial No.: 10/643,232
Filing Date: August 18, 2003
Docket No.: 442-194
Page 2

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A pneumatic arrangement comprising:
a plurality of servicing modules for the preparation of compressed air, which are arranged on a common bus system, and a control module connected with the bus system for the performance of control and/or monitoring functions and/or communication functions for the servicing modules, wherein a valve arrangement including a plurality of valves is also connected with the common bus system, the control module being also designed for the implementation of control and/or monitoring functions for the valves of the valve arrangement together with the servicing modules and the valve arrangement constitutes a subassembly.
2. (Original) The pneumatic arrangement as set forth in claim 1, wherein the valves and the servicing modules are arranged in a row on the common bus system.
3. (Previously Presented) The pneumatic arrangement as set forth in claim 1, wherein the bus system is designed in the form of a bus conductor bar, which preferably comprises individual bar elements able to be plugged or attached together, the servicing and control modules and the valve arrangement being able to be arranged in a row with the bus conductor bar.
4. (Original) The pneumatic arrangement as set forth in claim 1, wherein the control module is integrated in one of the servicing modules or is arranged as a separate module on the bus system or on the valve arrangement.
5. (Original) The pneumatic arrangement as set forth in claim 4, wherein the control module is arranged between the valve arrangement and the servicing modules.

Applicants: Garner, et al.
Serial No.: 10/643,232
Filing Date: August 18, 2003
Docket No.: 442-194
Page 3

6. (Original) The pneumatic arrangement as set forth in claim 1, wherein an electrical and/or pneumatic adapter module is arranged between the valve arrangement and the servicing modules on the bus system.
7. (Original) The pneumatic arrangement as set forth in claim 1, wherein the control module possesses a field bus interface for an external bus system.
8. (Previously Presented) The pneumatic arrangement as set forth in claim 1, wherein a display and/or operating unit is integrated in the control module or as a separate component is connected or adapted to be connected with the control module, more especially by way of ethernet or in a wireless manner is functionally connected with the control module.
9. (Original) The pneumatic arrangement as set forth in claim 1, wherein the servicing modules and/or valves of the valve arrangement are at least partly provided with sensors and/or specific diagnostic means, more particularly with pressure sensors, whose output signals are able to be transmitted by way of the bus system to the control module.
10. (Original) The pneumatic arrangement as set forth in claim 9, wherein the control module is provided with a monitoring and/or diagnostic means for the valve arrangement and the servicing modules, such means being more especially adapted to be effective for more than one system.
11. (Original) The pneumatic arrangement as set forth in claim 1, comprising optical and/or acoustic message alarm indicating means, such means serving more especially for diagnostic messages.
12. (Previously Presented) A pneumatic arrangement comprising:
a plurality of servicing modules for the preparation of compressed air arranged on a common bus system;

Applicants: Garner, et al.
Serial No.: 10/643,232
Filing Date: August 18, 2003
Docket No.: 442-194
Page 4

a control module connected to the common bus system and operatively connected to the servicing modules for controlling and/or monitoring the servicing modules;

a valve arrangement including a plurality of valves being connected with the common bus system, the control module controlling and/or monitoring the plurality of valves; and

the plurality of servicing modules, control module and the valve arrangement are disposed adjacent to each other on the common bus system.